

TAHEREEM KHAN

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EDUCATION

G.H. Raisoni College of Engineering Nagpur

Aug 2023-May 2027

Bachelor of Technology in Computer Science and Engineering

CGPA : 8.98/10.00

Relevant Coursework: - Operating Systems, Data Structures and Algorithms, Object-Oriented Programming , Database Management, Linear Algebra, Statistics, Real and Complex Analysis

SKILLS

Programming Languages	C/C++,Python,SQL
Web Development:	HTML, CSS, Javascript, React
Developer Tools	MySQL,Google Collab,Visual Studio Code,Canva
Graphic Design	Canva
Version Control and Collaboration	Github, Git
Software Development	OOP, Code Review
Soft Skills	Agile learner,Analytical thinker,Collaborative teamwork, Precision in detail.

PROJECTS

Student AI

pypdf, pytube, langchain ,gradio

- Designed chatbot, integrated with **RAG pipeline** and **Lang Chain** for accurate interactions upto 93%.
- It enables user interaction with YouTube videos and PDFs, **mitigating hallucination**, with an **average response time** of **30 seconds**, hosted on **Gradio**.

Price Tracker Chrome Extension

JavaScript, HTML, CSS

- Built a Chrome Extension to track product prices and notify users of price drops on websites like Amazon and eBay.
- Integrated coupon detection to automatically show available discounts.
- Reduced manual price tracking effort by **up to 70%** through automated alerts and price history checks.

Image Captioning Interface

HTML, CSS

- Created a user interface for uploading images and generating captions using frontend technologies.Designed with user experience in mind.
- Achieved **90% layout responsiveness** across desktop and mobile screens during internal testing.

INTERNSHIPS

Open Source Contributor – GirlScript Summer of Code (GSSoC) 2025-Present

Jul 2025 – Sep 2025

- Implemented 2+ new features, resolved issues, and improved documentation across repositories.
- Collaborating with mentors and 100+ contributors using Git/GitHub workflows and open-source best practices.

Infosys Springboard 6.0 Intern (Virtual)

Aug 2025 – Present

- Selected from 10,000+ applicants for Infosys Springboard 6.0 AI internship.
 - Worked on a **Plant Disease Classification Project** using **PyTorch** with Kaggle's PlantVillage & PlantDoc datasets (87K images).

- Implemented **data preprocessing pipelines** using `torchvision.transforms`, `Dataset`, and `DataLoader` for image normalization, augmentation, and batching.
- Designed and trained **Convolutional Neural Networks (CNNs)** and experimented with **transfer learning (ResNet, VGG)** for improved accuracy.
- Performed **hyperparameter tuning** (learning rate, batch size, optimizer choice) to optimize training performance.

ACHIEVEMENTS

Achieved a **CGPA of 8.98/10.00**, placing in the top 10% of the class.

- **LeetCode Profile:** Solved over 50+ Data Structures and Algorithms problems.
- **Nagpur Interstellar Hackathon** — Team Lead — Oct 2023 Led a 4 member team for 48 hours in developing data sharing platform and designed solution among 25+ teams.

CERTIFICATIONS

- Infosys Springboard – Introduction to Artificial Intelligence
- Infosys Springboard – Prompt Engineering

POSITION OF RESPONSIBILITY

- **IMUN Campus Ambassador Intern Promoted IMUN conferences to 1000+ peers**, driving registrations and engagement. Assisted in marketing and brand outreach.